| Ind | ex of | Claims | • |
|-----|-------|--------|---|
|     |       |        |   |

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 10/539,506              | ERNST ET AL                             |  |
| Examiner                | Art Unit                                |  |
| Trang Doan              | 2131                                    |  |

| , | Rejected | _ | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  | Α |
|---|--------------|---|
| - | Interference | С |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|              |                                  |  |          |              |              |  |  | ١              |          |          |
|--------------|----------------------------------|--|----------|--------------|--------------|--|--|----------------|----------|----------|
| Cla          | .:                               |  |          |              |              | Date   |  |                |          | $\neg$   |
| Cla          |                                  |  |          |              |              | Jale   | ;  | _              |          | $\dashv$ |
| Final        | Original                         | 2/9/07   |          |              |              |  |  |                |          |          |
|              | 1                                | 1  |          | ┮            | _            |  |  | $\neg$         |          |          |
|              | 2                                | 7  | _        | 一            |              |  |  |                |          |          |
|              | 2<br>3<br>4<br>5                 | 1  |          |              |              |  |  |                |          | $\Box$   |
|              | 4                                | 1  |          |              | Г            |  |  |                |          |          |
|              | 5                                | 1  | _        |              |              |  |  |                | -        |          |
|              | 6                                | 1  |          |              |              |  |  |                |          | П        |
|              | 7                                | 1  |          |              |              |  |  |                |          | П        |
|              | 8                                | 1  |          |              |              |  |  |                |          |          |
|              | 9                                | 1  |          |              |              |  |  |                |          |          |
|              | 10                               | 7  |          |              |              |  |  |                |          |          |
|              | 11                               |  |          |              |              |  |  |                |          |          |
|              | 12                               | 1  |          |              |              |  |  |                |          |          |
|              | 13                               | 1  |          |              | 乚            |  |  |                |          | Ш        |
|              | 14                               | 1  |          |              | 乚            |  |  |                |          | Ц        |
|              | 11<br>12<br>13<br>14<br>15<br>16 | 1  |          |              | L            | Ш  |  |                | L        | Ш        |
|              | 16                               | 1  |          | _            | <u> </u>     | Ш  |  |                | L.       | Ш        |
|              | 17                               | 1  |          | L            | Ľ            |  |  |                |          |          |
|              | 18<br>19                         | 1  |          | L            | L            |  |  |                | L.       | Ш        |
|              | 19                               | 1  |          |              | <u> </u>     |  |  |                | <u> </u> | Ш        |
|              | 20                               | 1  |          |              | L            |  |  |                |          |          |
|              | 21                               | 7777   | <u> </u> |              |              |  |  |                |          | Ш        |
|              | 22                               | 1  |          | L            |              |  |  |                |          | Ш        |
|              | 22                               | 1  | <u> </u> | <u> </u>     |              |  |  | L              | L        | Ш        |
|              | 24<br>25                         | <u> </u>   | _        | <u> </u>     | _            | ᆫ  |  | <u> </u>       | 匚        | Ш        |
|              | 25                               | <u> </u>   |          | <u> </u>     | <u> </u>     | <u> </u>   |  | _              | _        |          |
|              | 26<br>27<br>28                   | <u> </u>   | _        | ╙            | <u> </u>     |  | <u> </u>   | <u> </u>       | <u> </u> | Ш        |
|              | 27                               |  |          | ┡            | <u> </u>     | ļ  | _  | L              | _        | Ш        |
|              | 28                               | <u> </u>   |          | ↓_           | <del> </del> | <u> </u>   |  | ļ              | ļ.,      |          |
|              | 29<br>30                         | ┞-   |          | ┝-           | <u> </u>     | <u> </u>   | <u> </u>   | -              | -        | _        |
|              | 30                               |  | <u> </u> | -            | <u> </u>     | ├-   | ├  | <u> </u>       | -        | H        |
|              | 31<br>32                         | ┢  |          | ⊢            | ₩            | ├-   | <u> </u>   | -              | ├        | ┦        |
|              | 32                               | ⊢  | <u> </u> | -            | ╀            | <del>                                     </del> | <u> </u>   | $\vdash$       | -        | $\vdash$ |
| <u> </u>     | 33                               | ├-   | ⊢        | ₩            | ⊢            | ╌  | $\vdash$   | $\vdash$       | $\vdash$ | -        |
|              | 34<br>35                         | <del>                                     </del> | -        | <del> </del> | +            | ╁  |  | ├              | $\vdash$ | <u> </u> |
|              | 36                               | -  | $\vdash$ | <del> </del> | $\vdash$     | ╁  | ├  | ├-             | -        | -        |
| ├            | 37                               | ┼  | -        | ⊢            | $\vdash$     | $\vdash$   | $\vdash$   | ├              | $\vdash$ | $\vdash$ |
| <del> </del> | 38                               | $\vdash$   | -        | +            | +-           | +  | $\vdash$   | <del> </del> — | $\vdash$ | 1        |
|              | 39                               | +  | -        | ┼            | ╁            | +  | -  | -              | ┢        | $\vdash$ |
|              | 40                               | +  | $\vdash$ | $\vdash$     | +-           | 1  | $\vdash$   | ├              | +        | $\vdash$ |
| <del> </del> | 41                               | +  | ┢        | ╁╌           | +            | +  | <del>  -</del>                                   | -              | $\vdash$ | $\vdash$ |
| <b> </b>     | 42                               | $\vdash$   | $\vdash$ | $\vdash$     | +-           | 1.   | <del>                                     </del> | ╁╌             | T        | 1        |
| <b></b>      | 43                               | 1  | $\vdash$ | +            | +            | $\vdash$   | $\vdash$   | $\vdash$       | $t^-$    | $t^-$    |
|              | 44                               | $\vdash$   | +-       | +            | +-           | +  | Η.   | <del> </del>   | $\vdash$ | $\vdash$ |
| -            | 45                               | +  | $\vdash$ | ╁            | +            | +  | $\vdash$   | $\vdash$       | +-       | $\vdash$ |
| $\vdash$     | 46                               | $\vdash$   | $\vdash$ | +            | +            | $\vdash$   | $\vdash$   | 一              | $\vdash$ | +        |
|              | 47                               | ╁  | $\vdash$ | ╁            | +            | $\vdash$   | t  | +-             | $\vdash$ | +        |
| <del> </del> | 48                               | ╁  | $\vdash$ | +            | +-           | ╁  | ╁  | 1-             | +        | $\vdash$ |
| $\vdash$     | 49                               | +  | ╁╴       | 十            | +            | +-   | $\vdash$   | $\vdash$       | $\vdash$ | +        |
| <del></del>  | 50                               | +  | $\vdash$ | ╁╴           | +            | +-   | +  | $\vdash$       | $\vdash$ | ╁        |
| L            | 7 20                             | 1  | 1        | 1            | 1_           | 1  | 1  | 1              | 1        | 1        |

| l Cla  | im             |          |          |            |              | Date     | •            |          |          |                                     |
|--|----------------|----------|----------|------------|--------------|----------|--------------|----------|----------|-------------------------------------|
| <del></del>                                      |                |          |          |            |              |          |              |          |          |                                     |
| =  | Original       |          |          |            |              |          |              |          | .        |                                     |
| Final  | Ē              |          |          |            |              |          |              |          |          |                                     |
| ا ٿا   | Ō              |          |          |            |              |          |              |          |          |                                     |
| -  | 51             | _        | <u> </u> | -          | $\vdash$     |          |              |          | -        | -                                   |
|  | 52             |          |          | -          | $\vdash$     | -        |              | _        | _        |                                     |
|  | 51<br>52<br>53 |          |          | ├─         | $\vdash$     |          | Н            | _        |          |                                     |
| <del>                                     </del> | 54             | -        |          | ├-         | ┝            | -        | Н            | -        |          | H                                   |
| $\longrightarrow$                                | 54<br>55       | _        |          | -          |              | -        |              |          |          | _                                   |
| $\vdash$   | 56             | _        | -        |            | -            | $\vdash$ | $\vdash$     |          | $\vdash$ |                                     |
| <del></del>                                      | 57             |          |          | _          | -            | $\vdash$ | -            |          | $\vdash$ |                                     |
| <del>  </del>                                    | 59             |          | -        | ┝          | -            | -        |              |          | $\vdash$ | -                                   |
| <del></del>                                      | 58<br>59       |          |          | ├─         |              |          | -            |          |          | -                                   |
| $\vdash$   | 60             |          | ├—       | -          | ⊢            | -        | <del> </del> | -        | -        | $\vdash$                            |
|  | 61             |          | -        |            | ⊢            | -        | $\vdash$     | _        | -        | $\vdash$                            |
|  | 61<br>62       |          | -        |            | -            | -        | -            | _        | $\vdash$ |                                     |
| <del></del>                                      | 62             |          |          | ⊢          | -            | -        | _            |          | ⊢        |                                     |
| <b></b>  | 63<br>64<br>65 |          |          | <u> </u>   | -            | ⊢        | _            |          |          | ├                                   |
|  | 64             |          | -        | <u> </u>   | <del> </del> | ├        | $\vdash$     | ├—       |          | _                                   |
| $\vdash$   | 65             |          | ļ        | _          | <b>├</b>     | ┡        |              |          | _        | _                                   |
| $\vdash$   | 66<br>67       |          | _        | -          | <u> </u>     | <u> </u> | _            | <u> </u> | _        | ļ                                   |
| 1  | 67             | L.,      | <u> </u> | <u> </u>   | <u> </u>     | <b>├</b> | ╙            | <u> </u> | <u> </u> | <u> </u>                            |
|  | 68             |          | _        | ļ          | Ļ            | _        | L            | L_       | _        | <u> </u>                            |
|  | 69<br>70       | L        | _        | lacksquare | ╙            | 1        |              |          | <u> </u> | Ľ                                   |
|  | 70             | <u> </u> | L.       | ┖          | L            | <u> </u> |              | _        | L_       | _                                   |
|  | 71             | <u> </u> |          | <u></u>    | L            | <u> </u> | <u> </u>     | _        | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |
|  | 72<br>73       |          |          |            |              | <u> </u> | L            |          | Ŀ        | L.                                  |
|  | 73             |          | <u></u>  |            | L            | _        |              |          |          | L                                   |
|  | 74             |          |          |            | <u> </u>     |          |              |          | L        |                                     |
|  | 74<br>75       |          |          |            |              | L.       |              |          |          |                                     |
|  | 76             |          |          |            |              | <u> </u> | L            |          |          |                                     |
|  | 77             |          |          |            |              |          |              |          | L        | _                                   |
|  | 78             |          | П        |            |              |          |              |          |          |                                     |
|  | 79             |          |          | П          | Γ            | I        |              |          |          | I                                   |
|  | 80             |          |          |            |              | П        |              |          |          |                                     |
|  | 81             |          | Π        |            | П            |          |              |          |          |                                     |
|  | 82<br>83       | Г        | Г        |            |              |          |              | Г        |          |                                     |
|  | 83             |          |          | Г          | 1            | 1        |              |          | Γ        |                                     |
|  | 84             |          | 1        |            | T            | T        | П            |          | П        |                                     |
|  | 85             |          |          |            | Т            |          | Т            | П        |          |                                     |
|  | 86             |          | 1        |            |              |          |              | Τ        | Τ        | T                                   |
|  | 87             |          |          | T          |              |          |              | Г        | Τ        |                                     |
|  | 88             | 厂        |          | T          | ⇈            | $\top$   | 1            | T        | 1        |                                     |
|  | 89             |          | 1        | T          | T            | 1        | Т            | Г        |          |                                     |
|  | 90             | 1        | t        |            | 1            | 1        | 1            | Г        | $\top$   | Τ                                   |
| _  | 91             | T        | ✝        | 1          | 1            | 1        | 1            | 1        | T        | $\top$                              |
| -  | 92             | ऻ        | T        | $t^-$      | $t^{-}$      | T        | t            | 1        | T        | 1                                   |
|  | 93             | +        | +-       | t          | t            | T        | T            |          | t        | T                                   |
| <b>—</b>   | 94             | $\vdash$ | T        | ╁          | +            | 1-       | $\dagger$    | $t^{-}$  | T        | 1-                                  |
| -  | 95             | $\vdash$ | +        | +          | +            | +        | +            | t        | $t^-$    | 1                                   |
| .  | 96.            | $\vdash$ | +        | +          | +            | +        | +-           | +        | 1-       | $\vdash$                            |
|  |                | ⊢        | +-       | +-         | +            | +-       | +            | +-       | ╁        | +-                                  |
| <u> </u>   | 4 97           |          |          |            |              |          |              |          |          |                                     |
|  | 97             | ┝        | ╁        | ╀          | ╁╌           | ╁        | ┿            | ╀        | ╁        | †                                   |
|  | 97<br>98<br>99 |          | +        | -          | -            |          | -            | F        | Ħ        | F                                   |

|          |                                 |              |          |              |                |              |          |            |              | _              |
|----------|---------------------------------|--------------|----------|--------------|----------------|--------------|----------|------------|--------------|----------------|
| Cla      | aim                             | Date         |          |              |                |              |          |            |              | _              |
| Final    | Original                        |              |          |              |                |              |          |            |              |                |
|          | 101                             |              |          |              |                |              |          |            |              |                |
|          | 101<br>102                      |              |          |              |                |              |          |            |              |                |
|          | 103                             |              |          |              |                |              |          |            |              |                |
|          | 104<br>105                      |              |          |              |                |              |          |            |              |                |
|          | 105                             |              |          |              |                |              |          |            |              | _              |
|          | 106<br>107                      |              |          |              | _              | _            | _        |            |              |                |
|          | 107                             |              |          | ├            | _              |              |          |            | -            | -              |
|          | 108<br>109                      |              |          | ┝            | <del>  -</del> | _            | H        |            |              | $\dashv$       |
|          | 110                             | H            | -        | <del> </del> | -              | -            | -        |            |              | ᅱ              |
|          | 111                             | ┝            |          | -            | _              |              | -        |            | $\dashv$     | ┪              |
|          | 112                             |              | _        | 1            | $\vdash$       |              | Ħ        |            | $\vdash$     | $\dashv$       |
|          | 110<br>111<br>112<br>113        | l            |          | Γ            |                |              |          | $\Box$     |              | コ              |
|          | 114<br>115                      |              |          |              |                |              |          |            |              |                |
|          | 115                             | 匚            |          |              |                |              |          |            |              |                |
|          | 116<br>117                      |              | _        | L            | _              | _            | Ŀ        | <u>L</u> . | Ш            | $\Box$         |
|          | 117                             | _            | <u> </u> | _            | _              | _            | <u> </u> | $\vdash$   | Щ            |                |
|          | 118                             | _            |          | <u> </u>     | -              | -            | -        | _          | Н            | $\dashv$       |
|          | 119                             | -            | _        |              |                | -            | -        |            |              | $\dashv$       |
|          | 120<br>121                      |              | ┝        | ├            | ⊢              | $\vdash$     | ┢        | ╁─         |              | $\dashv$       |
| <u> </u> | 122                             | -            | _        | ╁╌           | ╁              | $\vdash$     | ├╌       | ┢          | -            | $\dashv$       |
|          | 122<br>123<br>124<br>125<br>126 | $\vdash$     | -        | <u> </u>     | 一              | ┢            | 1        |            |              | Н              |
|          | 124                             | _            |          |              | ļ —            |              |          |            |              |                |
|          | 125                             |              |          |              |                |              |          |            |              |                |
|          | 126                             | $oxed{oxed}$ |          |              |                |              |          |            |              |                |
|          | 127<br>128<br>129               | L            | L        | L.           | <u> </u>       | ╙            | <u> </u> |            | <u> </u>     |                |
|          | 128                             | ļ            | Ŀ        | ⊢            | <del> </del>   | ┡            | ├_       | -          | L            | Н              |
| <u> </u> | 129                             | ⊢            | -        | -            | ⊢              | ┢            | ┝        | <u> </u>   |              | $\vdash\vdash$ |
| <u> </u> | 130<br>131                      | ┢            | ⊢        | ╁            | -              | ╀            | ├        | $\vdash$   | ├            | $\vdash$       |
|          | 132                             | 1            | -        | $\vdash$     | $\vdash$       | <del> </del> | $t^-$    | +-         | $\vdash$     | Н              |
|          | 133                             | $\vdash$     | T        | T            | T              | 1            | Т        | <u> </u>   |              | П              |
|          | 133<br>134                      | 1            | Г        | T            | 1              |              |          |            |              |                |
|          | 135<br>136                      |              |          |              |                |              |          | $\Box$     |              |                |
|          | 136                             | L            | <u>L</u> | L            |                | L            | _        |            |              | Ш              |
| <u> </u> | 137                             | ļ            | -        | ↓_           |                |              | ┞        | 1_         | ┞-           | Ш              |
|          | 138<br>139                      | -            | ┞        | -            | ┼              | ╀            | ╄        | ⊢          | <del> </del> | $\vdash$       |
|          | 140                             | -            | ├        | ╁            | ╁              | ╁            | +-       | ╆          | ┢            | Н              |
|          | 141                             | ╁            | ├-       | +            | ╁╌             | ╁╴           | ╁╌       | +-         | ┢            | -              |
| $\vdash$ | 142                             | +            | t        | ╁            | +              | $\vdash$     | $\vdash$ | +-         | <u> </u>     | $\Box$         |
|          | 143                             | 1-           | t        | T            | ╁              | Τ            | $\top$   | ┢          | T            | П              |
|          | 144                             |              | Γ        | T.           | T              | İ            |          |            |              |                |
|          | 145                             |              |          |              | Γ              |              | L        |            |              |                |
|          | 146                             |              |          |              |                |              |          | $\Box$     |              |                |
|          | 147                             | ┖            | Ĺ        | L            | L              | L            | <u> </u> | $\perp$    |              | _              |
|          | 148                             | ļ.           | L        | $\perp$      | ↓_             | igspace      | ╀        | 1_         | ╄            | <u> </u>       |
| <u> </u> | 149                             | ↓_           | _        | +            | +              | 1            | ┼-       | $\vdash$   | -            | $\vdash$       |
|          | 150                             | 1            | _        | 1_           |                | ⊥_           | 1_       | L          | <u></u>      | L              |